THREE BAR RANCH QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-WYOMING 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 4874 II NW (HUCKINS SCHOOL) 105° 37′ 30″ 45° 07′ 30″ 105° 45′ 45° 07′ 30″ 42'30" 24 22 23 20 21 19 20 27 25 29 ISOPACH OF THE COAL BED-Showing thickness, in 30 29 STRUCTURE CONTOURS—Drawn on the top of the coal BOUNDARY OF COAL DEPOSIT-Drawn along the 32 33 36 34 32 31 T. 8 S. T. 9 S. T. 8 S. T. 9 S. 12 10 11 13 15 14 16 17 18 2'30" 2'30" 22 21 23 24 20 20 19 27 28 26 29 25 29 30 35 32 33 36 31 45° 00′ 105° 45′ R. 74 W. R. 73 W. SCALE 1:24000 Base map from U.S. Geological Survey, 1970 1 5 0 1 KILOMETER MONTANA UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

UNITED STATES

COAL RESOURCE OCCURRENCE MAP OF THE THREE BAR RANCH QUADRANGLE, POWDER RIVER COUNTY, MONTANA AND CAMPBELL COUNTY, WYOMING

PLATE 4 ISOPACH AND STRUCTURE CONTOUR MAP OF THE DIETZ COAL BED

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PLATE 4 OF 35

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This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

**EXPLANATION** 

4020 -

bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea

outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present

author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed,

To convert feet to meters, multiply feet by 0.3048.

5.7 **4020** 

feet. Isopach interval 1 foot.

measured in feet.